

ART VII.—*Records of Plant Remains from the Upper Silurian
and Early Devonian Rocks of Victoria.*

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In the period that has elapsed since 1935 when my last paper on Victorian Palaeozoic plants was published, further collections have been made from several hitherto unknown localities in the same stratigraphical series. These specimens were put aside pending the discovery of further examples which, it was hoped, might give more detailed information regarding the morphology of our early plant types. However, in order to facilitate the work of geologists interested in Palaeozoic stratigraphy, it has been suggested that the genera found at these new localities should be put on record now. This is therefore done below and for the sake of completeness, lists of plant remains from previously recorded outcrops are included. The botanical discussion of morphological details is being left until a later time.

Owing to the incompleteness of some specimens, a final determination cannot be made. The letters cf. before a species name denotes that the fossils are most likely referable to the species given.

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YEA—ALEXANDRA DISTRICT.

Killingworth-road, Yea. $\frac{1}{4}$ mile from Yea to Molesworth-road. Geol. Surv. loc. 14 (10, 5).

Baragwanathia longifolia.

cf. *Hostimella* sp.

Brackley's Cutting, Yea, to Cheviot-road, south of turn off Yea to Mansfield-road. Geol. Surv. loc. 4 (4, 5).

Baragwanathia longifolia.

Gobur, near allotments 9 and 10, east of township site. Geol. Surv. loc. 19 (5).

Baragwanathia longifolia.

Railway cutting, near Alexandra, between 99 $\frac{1}{4}$ and 99 $\frac{1}{2}$ miles from Melbourne. Geol. Surv. loc. 9 (5, 10).

Baragwanathia longifolia.

First railway cutting out of Alexandra railway station. Geol. Surv. loc. 5 (5, 10).

Baragwanathia longifolia.

Mount Pleasant, $1\frac{1}{4}$ miles from Alexandra on the old road to Thornton (1).

Pachytheca sp.

Zosterophyllum australianum.

cf. *Hostimella* sp.

Hedeia corymbosa.

cf. *Yarravia*.

cf. *Baragwanathia longifolia*.

"Pinnately branched axes".

"Stems with small spirally arranged elevations".

"Circinately coiled tips".

Hall's Flat—road—cutting on road from Alexandra to Hall's Flat, about one mile from the former (1).

Zosterophyllum australianum.

"Pinnately branched axes".

GAFFNEY'S CREEK—WOOD'S POINT DISTRICT.

Gaffney's Creek, road cutting near Police station (8).

cf. *Hostimella* sp.

Wood's Point, road to Comet Mine (9).

Zosterophyllum australianum.

cf. *Hostimella* sp.

"Stems with small spirally arranged elevations or depressions" (9) cf. Mt. Pleasant, Alexandra (1).

Indeterminate plant fragments have been collected from outcrops on the road from Gaffney's Creek to Wood's Point.

ENOCH'S POINT DISTRICT (6).

Cable's Creek, a western tributary of Big River south-west of Enoch's Point.

Baragwanathia longifolia (6, 8).

Enoch's Creek, east of township of Enoch's Point (6).

Baragwanathia longifolia.

WOOD'S POINT—WARBURTON DISTRICT.

Quarry on Yarra Track, about 20 miles east of "McVeighs" (3).

Baragwanathia longifolia.

Quarry on Yarra Track, about 19 miles east of "McVeighs" (10, 4, 3).

Baragwanathia longifolia.

Yarravia oblonga.

Yarravia subsphaerica.

cf. *Hostimella* sp.

Quarry on Yarra Track, about 18 miles east of "McVeighs" (3).

Zosterophyllum australianum.

cf. *Hedeia corymbosa*.

cf. *Hostimella* sp.

Quarry on Yarra Track, $10\frac{1}{2}$ miles east of "McVeighs" (3).

Zosterophyllum australianum.

Road cutting on Warburton-Wood's Point-road, about $16\frac{1}{2}$ miles east of Warburton and adjacent to Yankee Jim's Creek (3).

Pachytheca sp.

Zosterophyllum australianum.

Hostimella sp.

"Pinnately branched axes" cf. Mt. Pleasant, Alexandra (1).

"Stems with small spirally arranged elevations or depressions". cf. Mt. Pleasant (1).

Indeterminate plant fragments occur at several localities between McVeigh's and McMahon's Creek, $11\frac{1}{2}$ miles east of Warburton.

LILYDALE DISTRICT.

Hull-road, Parish of Mooroolbark, 14 chains south of its junction with the main Melbourne-Lilydale-road. Gill's loc. 1 (2).

Sporogonites Chapmani.

Yarraxia cf. *oblonga*.

Zosterophyllum australianum.

cf. *Hedeia corymbosa*.

cf. *Hostimella* sp.

Killara, Syme's Homestead (*vide* Gill, same volume).

cf. *Hedeia corymbosa*.

In adjacent quarries called Syme's Tunnel and Syme's Quarry indeterminate plant fragments occur.

WALHALLA DISTRICT.

Knott railway cutting below bridge (9).

Hostimella sp.

Thomson River—"Jordan River Beds" (11, loc. 1, 10).

Baragwanathia longifolia.

cf. *Hostimella* sp.

Walhalla—Centennial Beds.

Loc. 1, about half a mile up east branch of Stringer's Creek (9).

Sporogonites Chapmani f. *minor*.

Loc. 2, North-road Quarry, about 1 mile north of Walhalla on Walhalla-Aberfeldy-road (9).

Hostimella sp.

Zosterophyllum australianum.

Sporogonites Chapmani.

Pachytheca sp. (1).

Plant remains have been recorded also from Platina (8, 11, loc. 2), and by Thomas from Gould (4) and from cuttings on the Telbit-road (12).

SOUTH GIPPSLAND.

Silurian inlier, Parish of Kongwak, occupying allotments 15A, 15, 16, 12c, indeterminate plant fragments have been recorded as *Haliserites dechenianus* (7, 8).

Rhyll, Philip Island, No. 1 Bore, 327-350 feet.

cf. *Thursophyton* (8).

Livingstone Creek, between Cape Liptrap and Waratah Bay (8).

cf. *Hostimella* sp.

"Circinately coiled stem tip". cf. Mt. Pleasant (1).

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